



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Suheir ASSADY et al.

Confirmation No. 4072

Application No.: 10/741,348

Group Art Unit: 1638

Filing Date: November 14, 2003

Examiner:

For: INSULIN PRODUCING CELLS DERIVED
FROM HUMAN EMBRYONIC STEM CELLS

Atty. Docket No.: 85189-5400

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Pursuant to applicants' duty of disclosure under 37 C.F.R. 1.56, applicants submit herewith six (6) references for the Examiner's review and consideration. These references were cited in the International Search Report and a copy is enclosed.

These references are listed on the enclosed Form PTO-1449. It is respectfully requested that these references be made of record in this application by the Examiner's completion and return of the PTO Form 1449.

No fee is believed to be due for the filing of this statement as it is being submitted prior to an initial office action for this application. Should any fees be required, however, please charge such fees to Winston & Strawn LLP Deposit Account No. 50-1814.

Date: _____

4/26/04

Respectfully submitted,

Allan A. Fanucci (Reg. No. 30,256)

WINSTON & STRAWN LLP
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Enclosures



| | | |
|------------------------------------------------------------------------------------------|----------------------|------------------|
| LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> | ATTY. DOCKET NO.: | APPLICATION NO.: |
| | 85189-5400 | 10/714,348 |
| | APPLICANT: | |
| | Suheir ASSADY et al. | |
| | FILING DATE: | GROUP: |
| | November 14, 2003 | 1636 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|--------|---------------|-------|----------|----------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | 6,110,743 | 8/2000 | Levine et al. | 435 | 456 | |
| | AB | | | | | | |
| | AC | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | AD | | | | | | |
| | AE | | | | | | |

| OTHER REFERENCES <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> | |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AF | V. K Ramiya, et al. "Reversal of Insulin-Dependent Diabetes Using Islets Generated In Vitro From Pancreatic Stem Cells" , Nature Medicine, Vol. 6. No. 3, pages 278-282 (2000) |
| AG | N. Lumelsky. et al. "Differentiation of Embryonic Stem Cells to Insulin-Secreting Structures Similar to Pancreatic Islets" . Science, Vol. 292, pages 1389-1394 (2001) |
| AH | B. Soria et al. "From Stem Cells to Beta Cells: New Strategies In Cell Therapy of Diabetes Mellitus. Diabetologia" , Vol. 68. Vol. 4-5, pages 205-219 (2001) |
| AI | S. EFRAT., "Genetically Engineered Pancreatic B-Cell Lines for Cell Therapy of Diabetes" , Ann NY Acad. Sci., Vol. 18. pages 286-293, (1999) |
| AJ | Assady et al., "Insulin Production By Differentiated Human Embryonic Stem Cells" , Journal of the American Society of Nephrology, Vol. 11, Program and Abstract Meeting Infor: 33rd Annual meeting of the American Society of Nephrology and the 2000 Renal Week Toronto, Ontario, Canada, Abstract (2000) |
| AK | |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXPRESS MAIL LIST

To:
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The following items listed below are being filed herewith with the USPTO on April 26, 2004

| Express Mail No. EV 346 810 881 US | | |
|-------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Attorney Docket No. | Appln. Serial No./ Patent No. | Items - Documents filed on April 26, 2004 |
| 85189-5400 | 10/741,348 | Response to Notice to File Missing Parts of Nonprovisional Application; Copy of Notice; Executed Inventors' Declaration (3 pages); Copy of Application; Executed Power of Attorney by Assignee with copy of Executed Assignment (4 pages); Executed Verified Statement Claiming Small Entity; Information Disclosure Statement, PTO-1449, 6 refs. |

Please acknowledge receipt of these items as received by returning the enclosed postcards with the date of receipt of April 26, 2004

NY:854334.13